

Oliver J Kiemschies

From: Gueorgui Velez
Sent: Wednesday, March 07, 2012 11:45 PM
To: Paul C Czarapata; David J Harding; Oliver J Kiemschies; Thomas J Gardner; John R Zweibohmer; James N Blowers
Cc: Steve Werkema; Consolato Gattuso; Ioanis Kourbanis; William A Pellico; Keith E Gollwitzer; Paul Derwent; Ron Moore; Craig D. Moore; Erene Noyola; Michael J Lamm; Helen Szuba-Jensen
Subject: AD/TD Projects Meeting, March 9th at 1:30 pm, Industrial Central Building (ICB), Engineering room ICB 3rd floor

Dear all -

We are going to have an AD/TD Projects Meeting, this Friday Mar 9th at 1:30 pm. The meeting is going to be held in the ICB, the Engineering conference room. Below, you can find the tentative agenda for the meeting.

George

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AD/TD Projects Meeting
Friday, Mar 9th, 2012 1:30 PM
ICB Engineering conference room, ICB 3rd floor.
Archives for previous meetings can be found at:
<http://tdserver1.fnal.gov/AcceleratorSupport/TD-BD Meetings/>

Proton Source:
[479](#) - RFQ source, PIP project

The spare LE dipole corrector from Milhouse is received - measurements pending
ME quads: Alignment of the 3 quad doubles is still ongoing - we have a new procedure, expecting to finish in a month

Linac: - no current jobs.

Booster:
[372](#) - Vacuum repairs of Booster spare gradient magnets job closed

[372](#) - build 7 short kickers for the Booster, 1 kicker is potted, it is needed for FY12 shutdown + the first prototype. We will make 2 more Kickers before the shutdown.

[372](#) - EDWA magnets, failing polyurethane pads, a plan for the repair is in place. For this repair, we have to di-install the magnets from the tunnel.

[491](#) - New Booster RF Tuners and fixing the old ones, no progress from our group - collecting information.

MI:

373 - Main Injector maintenance and repair: building spares, 5-10 new MQT corrector quadrupoles for MI, started as low priority job. Modification of the tooling is in progress.

504 - Looking for IQx (IQB) to be reworked into an IQF, a spare for #403 - job was started and stopped due to its low priority. IQF is a unique magnet, replacing the #403 magnet takes ~10 days, for this time we can modify IQB to IQF when is needed.

503 - Modify 9 IDH to IDHW, increasing by an inch the aperture - all magnets are done.

373 - The design of a large aperture beam tube with several (10) transition boxes is in a progress. They are needed for sections 306, 402 and 522 to decrease the beam losses.

507 - Design, procure and assemble 3 permanent magnets for use with three Ionization Profile Monitors - needed for FY12 shutdown. The magnet design is in the final stage. The SmCo bricks are ordered, a quote from HiTech for magnets assembling is received, \$16K per magnet. The requisition for HiTech production is in progress.

374 - P-bar - no current active jobs for P-bar - decommissioning tasks? tooling, other magnet parts ...

376 - TeV - no current active jobs for TeV - decommissioning, magnets, parts and tooling ...

External beam lines:

412 - 7 3Q120 magnets from A150 line has to be inspected, the supports to be modified. NuMI needs them for the FY12 shutdown. 4 are done, parts for other 3 are received.

433 - Upgrade the manifold of one EDB magnet for the switchyard

Next meeting? Friday April 6nd or 13th?

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